

Attorney Docket No.: 7752

AMENDMENTS

In the Specification:

Please replace paragraph 2, starting on page 9, line 18 and ending on page 10, line 2 with the following paragraph:

Hydraulic fluids that are suitable for use in the method of the first aspect of the instant claimed invention are selected from the group consisting of water based and non-water based. Within the category of water based hydraulic fluids the fluids are divided into the categories of: a) water/glycol hydraulic fluids typically used for high-pressure applications (less than 3000 psig;

b) water-in-oil emulsion ("invert emulsion") hydraulic fluids typically used for medium-pressure applications (below 800 psig); and

c) oil-in-water emulsion (95% water or "5/95") hydraulic fluids typically used for low-pressure pressure applications (below 300 psig).

Please replace paragraph 1, starting on page 14, line 29 and ending on page 15, line 9 with the following paragraph:

The most preferred compounds of Tracer First for use with water based hydraulic fluids and non-water based hydraulic fluids are selected from the group consisting of: fluorescein (CAS Registry No. 2321-07-5), fluorescein, sodium salt (CAS Registry No. 518-47-8), aka Acid Yellow 73, Uranine, sulfonated amino-stilbene fluorescent brighteners and salts thereof, including, but not limited to:

Attorney Docket No.: 7752

benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[bis(2-hydroxyethyl)amino]-6-[(4-sulfophenyl)amino]-1,3,5-triazin-2-yl]amino]-, tetrasodium salt, aka Sandoz CD (CAS Registry No. 16470-24-9), aka Flu. Bright. 220,

benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[(2-hydroxypropyl)amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-, disodium salt, (CAS Registry No. 32694-95-4), aka Sandoz TH-40,

benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[(aminomethyl)(2-hydroxyethyl)amino]-6-(phenylamino)-1,3,5-triazin-2-yl]amino]-, disodium salt, (CAS Registry No. 169762-28-1), aka Tinopal 5BM-GX, and

benzenesulfonic acid, 5-(2H-naphtho[1,2-d]triazol-2-yl)-2-(2-phenylethenyl)-, sodium salt, (CAS Registry No. 6416-68-8), aka Tinopal RBS 200.

Please replace paragraph 1, starting on page 17, line 1 and ending on page 17, line 11 with the following paragraph:

The most preferred Tracer Second materials for use with water based hydraulic fluids are selected from the group consisting of:

monosulfonated anthracenes and salts thereof, including, but not limited to:

2-anthracenesulfonic acid sodium salt (CAS Registry No. 16106-40-4),

Disulfonated anthracenes and salts thereof, including, but not limited to:

1,5-anthracenedisulfonic acid (CAS Registry No. 61736-91-2),

2,6-anthracenedisulfonic acid (CAS Registry No. 61736-95-6),

1,8-anthracenedisulfonic acid (CAS Registry No. 61736-92-3), and

1,5-naphthalenedisulfonic acid, disodium salt (hydrate) (CAS Registry No. 1655-29-4, aka 1,5-NDSA hydrate).

Please replace paragraph 1, starting on page 23, line 1 and ending on page 23, line 5 with the following paragraph:

Attorney Docket No.: 7752

During this test, both TRASAR Xe-2 controllers are operated in monitoring mode. As a comparison, detection of hydraulic fluid leaks is also undertaken by visual inspection of the production equipment and water in the cooling water system. The standard for this test is that corrective actions are to be taken after a problem is visually identified, such as by the presence of foam in the cooling tower, or performance problems ~~occur~~ occurring in the cooling water system.